

ZHIDOVTSOV, N.A., kand.tekhn.nauk; KRITSUK, A.A., inzh.; SKACHEVICH, A.M., inzh.

Arrangement of the lower part of a drilling pipe. Nauch. zap.
Ukrniiproekta no.941-48 '62. (MIRA 16:7)
(Dolina region (Stanislav Province)--Oil well drilling--Equipment
and supplies)

AUTHOR:

Krytsuk, A.A.

TITLE:

The effect of anisotropy and temperature on the strength of vitreous KAST-P (KIST-P) under compression
Academiya nauk Ukrayins'koyi RSR. Dopovidi, no. 12,
1962, 1600-1602

PERIODICAL:

S/021/62/000/012/013/018
D251/D308

TEXT:
Vitreous plastic KAST-P is an orthotropic material, possessing three principal axes of elasticity. Test specimens were cut from a plate measuring 400 x 865 x 15 mm, prepared under the technical conditions GOST No. M-285-54 (VTU No. M-285-54). The specimens measured 15 x 15 x 25 mm, and had different inclinations to the principal axes. Compression was carried out using a 30 ton 'Baldwin' hydraulic machine, using specimens previously heated to a given temperature in a thermostat for about half an hour (depending on the temperature). Results of the tests, for different angles of inclination and temperature, are presented

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S/021/62/000/012/013/018
D251/D308

The effect of anisotropy ...

in tabular and graphical form. At 100 and 200°C the strength of the plastic under compression along the warp is decreased fivefold, and under compression along the weft is reduced to one half, in comparison with the strength at 20°C. At high temperatures the effect of the anisotropy is reduced. There are 1 table and 1 figure.

ASSOCIATION: Instytut mekhaniki AN UkrSSR (Institute of Mechanics of the AS UkrSSR)

PRESENTED: by F.P. Byelyankin, Academician

SUBMITTED: April 17, 1962

Card 2/2

S/191/63/000/002/014/019
B101/B186

AUTHOR:

Kriteuk, A. A.

TITLE:

Characteristics of strength and elasticity of wood-laminated plastics (ACTII (DSP)) taking account of anisotropy

PERIODICAL: Plasticheskiye massy, no. 2, 1963, 58-61

TEXT: The compressive strength at 20, 100, and 150°C, and the long-time resistance, the elastic modulus, and the Poisson coefficient at 20°C were measured on the following wood-laminated plastics: ACTII-B (DSP-B) with 10 veneer sheets each of parallel fibers, and one perpendicular to them; ACTII-B (DSP-V) with alternatingly perpendicular fibers; and ACTII-G (DSP-G) with fiber orientations turned through 30° each. The compressive strength was tested at angles of 0, 15, 30, 45, 60, 75, and 90° to the principal axis of anisotropy. Data found for DSP-B:

$$\sigma_{\alpha} = \sigma_{90}/(\lambda_{\alpha} \cos^4 \alpha + 2B_{\alpha} \sin^2 \alpha \cos^2 \alpha + \sin^4 \alpha), \text{ where } \lambda_{\alpha} = \sigma_{90}/\sigma_0;$$
$$2B_{\alpha} = 4\sigma_{90}/\sigma_{45} - (1 + \lambda_{\alpha}). \quad \alpha \text{ is the angle between fiber and direction of}$$

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S/191/63/000/002/014/019

B101/B186

Characteristics of strength ...

compression, σ_b is the compressive strength parallel to the fiber, σ_{90} is the one perpendicular to it. Temperature increase lowered the compressive strength. For the non-anisotropic DSP-G, the compressive strength was about 1500 kg/cm² at 20°C, about 750 at 100, and about 375 at 150°C. The long-time resistance under loads of 90-40% of the ultimate strength is expressed by $a = 1 + b + e^{-ct}$; where a is the long-time resistance, b the difference between ultimate strength and long-time resistance, t the time, and c a constant. For all DSP, the long-time resistance was in all directions about 0.5-0.6 of the corresponding ultimate strength. The following was found for the elastic modulus of DSP-B:

$E_\alpha = E_{\text{perp}} / (\lambda \cos^4 \alpha + 2B \sin^2 \alpha \cos^2 \alpha + \sin^4 \alpha)$; where $\lambda = E_{\text{perp}} / E_{\text{par}}$,
 $2B = 4E_{\text{perp}} / E_{45} - (1 + \lambda)$; E_{perp} , E_{par} are the elastic moduli perpendicular or parallel to the fiber, respectively. The Poisson coefficient is given by: $\mu_\alpha = [\mu_{90} - 0.25(1 + \lambda - 2B) \sin^2 2\alpha] / (\cos^4 \alpha + 2B \cdot \sin^2 \alpha \cos^2 \alpha + \sin^4 \alpha)$.

There are 7 figures and 4 tables.

Card 2/2

STREL'BITSKAYA, A.I. [Strel'byts'ka, O.I.]; KRITSUK, A.A. [Krytsuk, A.A.]

"Elasticity and plasticity; collected problems and examples"
by W. Krzys, M. Zyczkowski. Reviewed by O.I. Strel'byts'ka,
A.A. Krytsuk. Prykl. mekh. 9 no.4:448-449 '63.
(MIRA 16:8)

BELYANKIN, F.P. [Bieliankin, F.I.], akademik; KRYTSUK, A.A. [Krytsuk, L.A.]

Poisson's coefficient and deformation coefficients of laminated
DSP-B plastic. Dop. AN UkrSSR no.12:1596-1599 '63. (MIRA 17:9)

1. Institut mokhaniki AN UkrSSR. 2. AN UkrSSR (for Belyankin).

ACCESSION NR: AP4020051

S/0032/64/030/003/0359/0359

AUTHOR: Krtsuk, A. A.

TITLE: Measuring large deformations of plastics

SOURCE: Zavodskaya laboratoriya, v. 30, no. 3, 1964, 359

TOPIC TAGS: plastic, large deformation, deformation measurement, deformometer, tensimeter, transverse deformation, longitudinal deformation, plastic in tension, plastic in compression

ABSTRACT: The method described by N. I. Chernyak (Dopovidi AN URSR, 6(1952)) has been applied to measuring plastic and elastic deformations larger than 1-5% in plastics. Large deformations are transmitted to and diminished by a flexible steel bracket. As the ends of the plastic element are displaced, they press against the bracket and distort its curvature. The deformation in the external layers of the bracket is recorded with a tensimeter on a 20-mm span. The author has developed this deformometer for gauging transverse and longitudinal deformations in large and in small samples (either in tension or in compression). The

Card 1/2

ACCESSION NR: AP4020051

accuracy of determination is $\pm 2 \mu$ for the relative deformations of 0-10%. For this work the radius of curvature in the bracket is about 15-20 mm. Orig. art. has: 2 figures.

ASSOCIATION: Institut mekhaniki Akademii nauk UkrSSR (Institute of Mechanics, Academy of Sciences UkrSSR)

SUBMITTED: 00

DATE ACQ: 27 March

ENCL: 00

SUB CODE: SD, MA

NO REP SOV: 001

OTHER: 000

Card 2/2

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826520009-9

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CIA-RDP86-00513R000826520009-9"

ALESKEROVА, Z.T.; KRITSUK, G.S., LI, P.P., LITVIMENKO, I.V.; OSADCHAYA, D.V.;
OSTROUMOVA, A.S.; OSTIKO, T.I.; RAVDONIKAS, O.V.; ROSTOVTSYEV, N.N.;
SIMONENKO, T.N.; TOLSTIKHINA, M.A.; KHESIN, B.B.; BABINTSEV, red.
izd-va; KRYNOCHKINA, K.V., tekhn.red.

[Geological structure and oil-producing prospects of the West
Siberian Plain] Geologicheskoe stroenie i perspektivy nefte-
gazomosnosti Zapadno-Sibirskoi nizmennosti. Pod obshchei red.
N.N.Rostovtseva. Moskva, Gos.sauchno-tekhn.izd-vo lit-ry po geol.
i okhrane medr, 1958. 390 p. (MIRA 11:12)

1. Leningrad. Vsesoyuznyy geologicheskiy institut.
(West Siberian Plain--Petroleum geology)

KVYATKOVSKIY, Ye.M.; KRITSUK, I.N.

Quantitative interpretation of secondary dispersion halos of
lead. Zap. LGI 45 no. 2:3-9 '63. (MIRA 17:5)

, KEPITSAK, I.N.

Effect of sorption on the formation of eluvial and glide-rock
dispersion halos. Zap. IGI 45 no. 2:25-30 '63. (MIRA 17:5)

KVYATKOVSKIY, Ye.M.; KRITSUK, I.N.

Method of metallometric surveying in prospecting for tin deposits.
Zap. LGI 39 no.2:129-135 '61. (MIRA 15:2)
(Transbaikalia--Tin ores)

KRITSUN, I.N.

Calculation of the coefficients of "correlation" of talus halos
of dispersion of lead. Izv. vys. ucheb. zav.; geol. i razv. 6
no.2:103-107 F '63. (MIRA 16:6)

1. Leningradskiy gornyy institut im. G.V. Plekhanova.
(Geochemical prospecting)
(Lead)

KRITSUK, Z.A. [Krytsuk, Z.A.] (L'vov)

Natural vibration of a slab lying on an elastic-viscous bed.
Prykl.mekh. 8 no.2:186-190 '62. (MIRA 15:3)

1. L'vovskiy politekhnicheskiy institut.
(Concrete slabs—Vibration)

KRITSUK, Z.A.[Krytsuk, Z.A.] (L'vov)

Taking into consideration the rheological properties of the material in the problem of the vibrations of a slab supported by an elastic viscous foundation. Prykl.mekh. 9 no.2:151-156 '63. (MIRA 16:3)

1. L'vovskiy politekhnicheskiy institut.
(Elastic plates and shells—Vibration)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826520009-9

... valve for pressurization of the cockpit area.

... pressure differential between the cabin and the outside air.

... aircraft, the aircraft has a pressurized cockpit.

The Author Certificate has been issued for an altitude

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826520009-9"

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CIA-RDP86-00513R000826520009-9

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 10-12-2009 BY SP/AVL/DO

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826520009-9"

ACC NR: AP7005673

SOURCE CODE: UR/0413/67/000/002/0143/0145

INVENTOR: Vzorov, M. I.; Kritsyn, A. I.

ORG: none

TITLE: Device for the forced closing of the control valves of the pressure regulating system for pressurized aircraft cabins. Class 47, 190746

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 2, 1967, 143

TOPIC TAGS: pressure regulator, ~~automatic pressure control~~, aircraft pressure cabin equipment, valve, pneumatic device, space craft equipment

ABSTRACT: The proposed shut-off device consists of a housing with a nozzle and a check valve, a spring-loaded membrane with a rigid center (the control valve is attached to this center), and a repeater unit which is connected

UDC: 621.646
629.13.01/06

Card 1/2

ACC NR: AP7005673

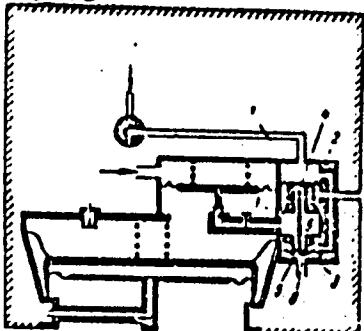


Fig. 1. Forced shut-off device

1 - Double valve; 2, 3 - membranes;
4, 5 - rigid centers; 6 - center
chamber; 7 - chamber above membrane;
8 - chamber below membrane.

to a spring-loaded membrane which has a rigid center, a needle valve, and a pneumatic unit. To increase the reliability of the device, its pneumatic unit is provided with a double by-pass valve in which the rigid centers of the elastic membranes serve as the locking elements. These membranes divide the cavity of the pneumatic unit into three chambers. The center chamber is connected with the chamber above the membrane and to a vent to the atmosphere, while the chamber below the membrane is connected to the pressurized cabin. Orig. art. has: 1 figure.

[TN]

SUB CODE: 01/34 SUBM DATE: 26 Oct 65 ATD PRESS: 5117

Card 2/2

ACC NR: AF0025663

SOURCE CODE: UR/0413/66/000/013/0130/0131

INVENTOR: Vzorov, M. I.; Kristsyn, A. L.; Tuflin, V. F.

ORG: None

TITLE: Thermal pressure controller. Class 47, No. 183551

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966,
130-131

TOPIC TAGS: pressure regulator, valve, command system, aircraft cabin equipment

ABSTRACT: This Author's Certificate introduces a command pressure controller for pressure regulating systems in airtight aircraft cabins based on Author's Certificate No. 146981. The accuracy of the control unit is improved by using a correction assembly with a cavity which is divided into two chambers by a spring-loaded diaphragm with a rigid center. A valve is mounted in the chamber below the diaphragm. The chamber communicates with the atmosphere through a fixed throttle. The valve is fixed to the rigid center of the diaphragm and covers the channel passage which joins the chamber below the diaphragm with the pressurized cabin. The chamber above the diaphragm communicates with the atmosphere through a controlled throttle, and with the cabin through a fixed throttle.

SUB CODE: 01/13/ SUBM DATE: 12Jul65

Card 1/1

UDC: 621.646 629.13.01/06

ACC NRI AP6032526

(A)

SOURCE CODE: UR/0413/66/000/017/0124/0124

INVENTOR: Vzorov, M. I.; Kritsyn, A. L.; Perepletchikov, L. Ya.

ORG: none

TITLE: Aircraft cabin pressure regulator. Class 47, No. 185649

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 17, 1966, 124

TOPIC TAGS: aircraft cabin environment, aircraft cabin equipment, ~~aircraft cabin~~, pressure regulator, pressure regulator

ABSTRACT: The proposed aircraft cabin pressure regulating device contains a sensing element with spring which is adjusted by a regulating screw. In order to increase its reliability, locking element of the regulator is mounted on a flat spring which is fixed on the inner wall of the housing; this prevents the displacement of the locking element in relation to the seat during deformation of the sensing element (see Fig. 1). Orig. art. has: 1 figure.

UDC: 621.646
629.13.01/06

Card 1/2

ACC NR: AP6032526

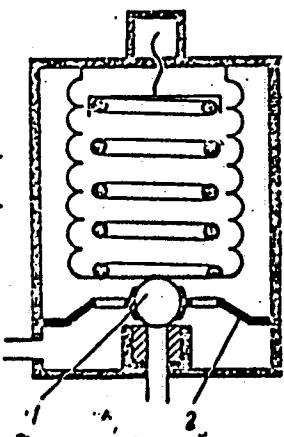


Fig. 1. Pressure regulator

- 1 - Locking element;
2 - flat spring.

SUB CODE: 01, /4/ SUBM DATE: 15 Jun 65/

Card 2/2

LIKHOSHERSTOV, A.M.; KRITSYN, A.M.; KOCHETKOV, N.K.

Pyrrolysidine alkaloids. Absolute configuration of 1-methylene-pyrrolizidine and other pyrrolizidine bases. Dokl. AN SSSR 141 no.2:361-363 N '61. (MIRA 14:11)

1. Nauchno-issledovatel'skiy institut farmakologii i khimioterapii Akademii meditsinskikh nauk SSSR. 2. Chlen-korrespondent AN SSSR (for Kochetkov).

(Perrolizine)

LIKHOSHERSTOV, A.M.; KRITSYN, A.M.; KOCHETKOV, N.K.

Pyrrolizine alkaloids. Part 4: Total synthesis of the 1-methylene-pyrrolizine alkaloid. Zhur.ob.khim. 32 no.7:2377-2379 Jl '62.
(MIRA 15:7)

I. Institut farmakologii i khimioterapii Akademii meditsinskikh nauk
SSSR.

(Pyrrolizine) (Alkaloids)

KRITSYN, A.M.; LIKHOSELIYEV, A.M.; PROTOPOPOVA, T.V.; SKOLDINOV, A.P.

"Ethambutol" and related compounds. Synthesis and stereochemical
relations. Dokl.AN SSSR 145 no.2:332-335 Jl '62. (MMA 15:7)

1. Institut farmakologii i khimioterapii AMN SSSR. Predstavлено
академиком А.Н.Несмейановым.
(Ethane) (Butanol)

KRITUKS, B D

Making Large Gravity Die-Casting in Alloy Al2. K. N. M
Osminkin and B. D. Krujke (Leningrad Proletariato, 1933, (8),
19-20). [In Russian] An example of the construction of a
gravity die mould which incorporates "pliable" cores to
overcome the hot-shortness of the alloy, is described.

D J P (C)

KRITZLER, H.

Yugoslavia (430)

Science - Periodicals

The first whale in a prison camp. p. 298. PRIRODA,
(Hrvatsko prirodoslovno drustvo) Zagreb. [Ten no. a year;
illustrated popular science magazine issued by the
Croatian Society of Natural Sciences] Vol 39, no 8,
Oct. 1952.

East European Acquisitions List, Library of Congress,
Vol 2, No. 6, June 1953, Unclassified

KRIUKELIS, Lioginas; ZEMAITIS, V., red.; GOTLERIS, D., tekhn. red.

[Two forms of socialist property and the way for eliminating
the difference between them] Dvi socialistines nuosavybes formos
ir ju suartekumo keliai; XXII TSKP suvaziavimui. Vilnius, Polit-
ines ir mokslynes literaturos leidykla, 1961. 44 p.
(MIRA 1564)

(Property)

KRIUKOVA, Z.V.

Peculiarities in the clinical course of epidemic hepatitis. Vrach.delo
(MIRA 13:11)
no.5:463-465 My '60.

1. Klinika infektsionnykh bolezney (zav. - dotsent S.L.Erez)
Stalinskogo meditsinskogo instituta na baze klinicheskoy bol'nitsy
imeni Kalinina.
(HEPATITIS, INFECTIOUS)

KRIULIN, A.F.

On track sections with heaving soil. Put' i put.khoz.
no.11:21 N '59. (MIRA 1):4)

1. Inzhener proyektno-izyskatele'noy gruppy na Gor'kovskoy
doroge, g. Gor'kiy.
(Ballast(Railroads))
(Railroads---Track)

KRIULIN, A.V., inzhener.

Increasing the wear resistance of parts by sulfidization.
Rech. transp. 15 no.9:29-31 S '56. (MLRA 10:2)

(Ships--Maintenance and repair)

KRIULIN, A.V., inzhener.

Some problems connected with the manufacture and inspection of
piston rings. Rech.transp. 15 no.11:22-25 N '56. (MLRA 10:2)
(Piston rings)

AUTHOR: Kriulin, A. V., Engineer SOV/129-58-10-13/14

TITLE: On the Interaction with Iron and Steel of Some Salts
Used for Sulphiding (O vzaimodeystvii nekotorykh soley,
primenyayemykh dlya sul'fidirovaniya s chugunom i
stal'yu)

PERIODICAL: Metallovedeniye i Obrabotka Metallov, 1958, Nr 10,
pp 58-62 (USSR)

ABSTRACT: For facilitating the correct choice of sulphiding bath,
the interaction with iron and steel was studied by
NIIKhIMMASH of the following salts: $\text{Na}_2\text{S} \cdot 9\text{H}_2\text{O}$; Na_2S_5 ;
 $\text{Na}_2\text{S}_2\text{O}_3$; Na_2SO_3 ; NaCNS and $\text{KAl}(\text{SO}_4)_2$.

The experiments have shown that NaCNS interacts actively
with iron and steel of all grades, whilst Na_2SO_3 and
iron interact less intensively. The other salts do not
react with the iron at all. The author of this paper
investigated salts which are applied for sulphiding and
were not studied by NIIKhIMMASH and he also repeated some
of the experiments carried out in that Institute. The
investigations were effected by means of a table photo-

Card 1/3 recording pyrometer of Kurnakov Type PK-52 using

SOV/129-58-10-13/14

On the Interaction with Iron and Steel of Some Salts Used for
Sulphiding

chromel-alumel thermocouples with protective housings of molybdenum glass. The investigations were made on rhodanides, sulphites and bisulphites, sulphates and bisulphates, sulphides, etc. It was found that sodium and potassium rhodanides react most intensively with iron; the reaction is less intensive for ammonium rhodanide, sodium sulphide, sodium sulphite, sodium bisulphate, sodium bisulphite and thiourea. Lead rhodanide, sulphurous iron, sodium sulphate and sodium thiosulphate do not interact with iron. These conclusions apply to heating of iron or steel in only one of the salts; in baths consisting of several molten salts, there is probably an interaction between the components which in some cases may bring about supplementary effects.

Card 2/3

SOV/129-58-10-13/14

On the Interaction with Iron and Steel of Some Salts Used for
Sulphiding

There are 4 figures and 3 Soviet references.

ASSOCIATION: Leningradskiy institut inzhenerov vodnogo transporta
(Leningrad Institute of Water Transportation Engineers)

- 1. Iron—Chemical reactions
- 2. Steel—Chemical reactions
- 3. Salts—Chemical reactions
- 4. Sulfur compounds—Chemical reactions

Card 3/3

KRIULIN, A.V., insh.

Utilization of sulfocyaniding in ship maintenance and construction. Rech.transp. 18 no.9:22-25 S '59. (MIRA 13:2)
(Case hardening) (Ships--Maintenance and repair)

KRIULIN, A.V., inzh.

Thermographic study of the salts used for sulfidization. Trudy
LIIVT no.26:208-216 '59. (MIRA 14:9)
(Case hardening) (Sulfur compounds)

Krivchenko, A. V.

On the Solidification of Machine Parts for the Purpose of Increasing Their Wear Resistance and Antiseizure Properties.

Povsheniye iznosostoykosti i sroka sluzhby mashin. t. 2 (Increasing the Wear Resistance and Extending the Service Life of Machines. v. 2) Dlyev, Izd-vo AN UkrSSR, 1960. 240 p. 3,600 copies printed. (Series: Its: Trudy, t. 2)

Sponsoring Agency: Vsesoyuznoye nauchno-tehnicheskoye obshchestvo mashinostroitel'noy promyshlennosti. Tsentral'naya i Kiyevskaya oblastnaya pravleniya. Institut mehaniki AN UkrSSR.

Editorial Board: Resp. Ed.: B. D. Grozin; Deputy Resp. Ed.: D. A. Draygor; M. P. Braun, I. D. Faynerman, I. V. Kragel'skiy; Scientific Secretary: M. L. Barabash; Ed. of v. 2: Ya. A. Samokhvalov; Tech. Ed.: A. I. Rekhina.

COVERAGE: The collection contains papers presented at the Third Scientific Technical Conference held in Kiev in September 1957 on problems of increasing the wear resistance and extending the service life of machines. The conference was sponsored by the Institut stroitel'noy mehaniki AN UkrSSR (Institute of Structural Mechanics of the Academy of Sciences Ukrainian SSR), and by the Kiyevskaya oblastnaya organizatsiya nauchno-tehnicheskogo obshchestva mashinostroitel'noy promyshlennosti (Kiev Regional Organization of the Scientific Technical Society of the Machine-Building Industry).

25734
S/123/61/000/012/019/042
A004/A101

11800

AUTHOR: Kriulin, A. V.

TITLE: On the sulfurization of machine parts in order to increase their resistance to wear and anti-galling properties

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 12, 1961, 84, abstract 12B598 (V sb. "Povysheniye iznosostoykosti i sroka sluzhby mashin. v. 2". Kiyev, AN UkrSSR, 1960, 236-243)

TEXT: The author investigated the interaction of sulfur-containing salts (rhodanides, sulfides, sulfites, bisulfites, sulfates, bisulfates) with cast iron and steel and carried out abrasion tests with sulfurized specimens. Sulfurization in the following baths: NIIKhIMMASH 2/6; ENIMS (73% $K_4Fe(CN)_6$; 17% NaOH; 10% $Na_2S_2O_3$); NATI (40% KCl; 46% Na_2SO_4 ; 5% FeS; 5% $Na_2S_2O_3$; 4% $K_4Fe(CN)_6$) at $570^{\circ}C$ for 2 hours showed the lowest increase in resistance to wear of the specimens sulfurized in low-temperature baths owing to the formation of an oxide layer on the specimen surface. Specimens sulfurized in the NIIKhIMMASH 2/6 bath showed an insignificant increase in resistance to wear in comparison with specimens sulfurized in baths containing potassium ferrocyanide. The highest increase

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25734

S/123/61/000/012/019/042

A004/A101

On the sulfurization of machine parts in order to ...

in resistance to wear was obtained with specimens sulfurized in low-temperature cyanide baths with an addition of 10% hyposulfite (ENIMS no. 1). Sulfocyaniding in such baths as e.g. 95% NaCN and 5% Na₂SO₃ leads to the formation of a sulfide film with a nitrided and carbonized sublayer which ensures high anti-galling properties and resistance to wear of the metal. There are 5 figures and 14 references.

N. Il'ina

[Abstracter's note: Complete translation]

Card 2/2

KRIULIN, A.V., inzh.

Sulfidizing and the properties of sulfidized metals.

Metalloved. i term obr. met. no.7:31-40 J1 '60.

(MIRA :3:10)

1. Leningradskiy institut vodnogo transporta.
(Protective coatings)

KRIULIN, A. V.

Cand Tech Sci - (diss) "Study of sulfidation and sulfocyanidation processes of parts of ship mechanisms." Leningrad, 1961. 31 pp; (Leningrad Ship-Building Inst); 200 copies; price not given; list of author's works on pp 30-31 (10 entries); (KL, 5-61 sup, 190)

Author (name, title, engineer); Kriulin, A. S. (candidate of technical sciences);

Address (city, town, district, state)

Institute (engineering, mechanical, etc.)

Abstract: Friction discs made of 65G¹⁷ steel (MRC32-H1) discs with normal
and high thermal treatment. The effect of the heat treatment on the

2010 RELEASE UNDER E.O. 14176

SOURCE: Ref. zh. Tekhnol. mashinostr. Sv. t., Abs. 10B384

AUTHOR: Kriul'sin, A. V.; Litavrina, N. D.

TYPE F - A study of wear resistance of various borated steels to abrasive friction

Leningr. in La veda. Transl. by M. A.

38
B

EXCAVATION: Streets No. 40, 2786, 2786½, 30Kings, and 31 Kings, and the adjacent areas, to be excavated to

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000826520009-9"

Chubkov, N.I.; Kriulin, A.V.

46
L

possibilities of applying electrolytic treatment for increasing wear
resistance of tools

Author: Tsvetkov, V. I. (TsVet) - Machine tool designer

Editor: Tsvetkov, V. I. (TsVet) - Machine tool designer

Date of issue: 1970-07-01 - Machine tool designer

Abstract: Results are given of stand tests of a high-speed steel alloyed with an
alloying element made of platinized tungsten carbide. The results show that the
tungsten carbide alloyed with platinized tungsten carbide has a higher
wear resistance than the standard tungsten carbide. The method of
electrolytic treatment for increasing wear resistance is described. The method
of electrolytic treatment and development of the process are illustrated by
figures and tables.

Card 1/2

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CIA-RDP86-00513R000826520009-9

L 57000-65
ACCESSION #: AR5014252

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SUB COPY: Pt. 1

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CIA-RDP86-00513R000826520009-9"

KRIULIN, A.V., kand. tekhn. nauk

Sulfocyanidation of friction disks of marine reverse
reduction gears. Trudy LIVT no.73:13-17 '64.

(MIRA 18:11)

KRIULIN, A.V., kand. tekhn. nauk; FOKINA, A.Z., inzh.

Developing and studying effective compositions of sulfo-cyanogen baths for the treatment of friction parts and cogwheels. Trudy LIVT no.73:21-27 '64. (MIRA 18:li)

4

100-76 Tokhnol. mashinostr. Sv. t., Abs. 108/43

Ketulin, A. V., Chistoserdova, G. I.

Optimal borating conditions and their influence on the properties of boronized steels

SOURCE: Tr. Leningr. in-ta vodn. tekhn., vyp. 68, 1970

Optimal borating conditions and their influence on the properties of boronized steels

Optimal borating in melted borax was studied

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CIA-RDP86-00513R000826520009-9"

Kriulin, V.
AID P - 4418

Subject : USSR/Radio

Card 1/1 Pub. 89 - 16/18

Author : Kriulin, V.

Title : A scale determining the start, the end and the recording time in tape recorders

Periodical : Radio, 4, 50-51, Ap 1956

Abstract : The design of the scale which can be used with the "Dnepr-5" type tape recorder, with a 90 mm diameter is explained in detail. 3 tables shows the keeping of the time record. One diagram.

Institution : None

Submitted : No date

KRIJULIN, V.N., inzh.; ZDOROV, A.I., inzh.; ZHUKOVA, O.N., inzh.

Simplified method of calculating raw material mixes with the
aid of forms. TSement 31 no.1:19-20 Ja-F '65.

(MIRA 18:4)

KRIULINA, N. A.

Kriulina, N. A. -- "The Effect of Medicinal Sleep on Experimental Gas Infection." Bashkir State Medical Inst imeni XVth Anniversary VIKSM. Ufa, 1955. (Dissertation For the Degree of Candidate in Medical Sciences).

So; Knizhnaya Letopis', No. 11, 1956, pp 103-114

ROZOV, B.V.; BUDKOV, V.Ye.; KORENEV, A.S.; KRIULYA, M.I.; TSUKERMAN, I.S.
ZOLOTNITSKIY, Yu.I.; PETUKHOV, I.M.; PAN'KOV, A.A.; VINOGRADOV, D.Sh.

Manless coal mining by means of a wire rope saw in the Kizel Basin.
Ugol' 35 no.7:38-44 Je '60. (MIRA 13;8)

1. Kombinat Kiselugol' (for Rozov, Budkov, Korenev, Kriulya,
TSukerman, Zolotnitskiy). 2. Vsesoyuznyy nauchno-issledovatel'skiy
marksheyderskiy institut (for Petukhov, Pan'kov, Vinogradov).

(Kizel Basin--Coal mines and mining)
(Coal mining machinery)

ORLOV, A.; KRIUSHIN, V., redaktor; LEBEDEV, A., tekhnicheskiy redaktor

[Tabulating machines, models "SDU-110" and "SDU-138"] Schetno-
zapisyvaiushchie mashiny "SDU-110" i "SDU-138" Moskva, Gosfinizdat,
1955. 126 p.
(MLRA 9:10)
(Tabulating machines)

KRIUSHIN, V.

Machine accounting of maritime freight shipments. Bukhg.
uchet. 15 no.11:37-43 N '56. (MLRA 9:12)

1. Starshiy inzhener po mekhanizirovannomu uchetu TSentral'noy
bukhgalterii Ministerstva morskogo flota.
(Shipping--Accounting)
(Machine accounting)

KALININ, Nikolay Ivanovich [deceased]; SAL'NIKOV, Aleksandr Sergeyevich;
CHIKRACHEV, Mikhail Semenovich; KRIUSHIN, V.N., red.; BOBROVA, Ye.N.,
tekhn.red.

[Mechanization of accounting in administrative units of railroads]
Mekhanizatsiya bukhgalterskogo ucheta v khoziaistvennykh edinitsakh
zheleznykh dorog. Moskva, Gos. transp. zhel-dor. izd-vo, 1958.
240 p.

(MIRA 11:12)

(Machine accounting)
(Railroads--Accounts, bookkeeping, etc.)

YEVDORINOV, Ivan Semenovich; YEVSTIGNEYEV, German Pavlovich;
KRIUSHIN, Vasiliy Nikolayevich; CHERNOVA, Z.I., tekhn. red.;
UVAROVA, A.F., tekhn. red.

[Digital computers] TSifrovye vychislitel'nye mashiny. Izd.3.,
perer. i dop. Moskva, Mashgiz, 1961. 456 p. (MIRA 15:2)

(Electronic calculating machines)
(Electronic digital computers)
(Punched card systems)

KRIUSHIN, V.N.; RYAZANKIN, V.N., prof., retsenzent; KURATSEV, L.Ye.,
red. Izd-va; DEMKINA, N.F., tekhn. red.

[Relay attachments for T-5M tabulators and S45-6 sorting machines] Releinye pristavki k tabulatoram T-5M i
sortiroval'nym mashinam S45-6. Moskva, Mashgiz, 1963. 79 p.
(MIRA 17:2)

ERZHYZHANOVSKAYA, I.A.; GOL'DSHMIDT, E.M.; KRIULIN, V.N.; KUKOLEV, L.G.;
RYVKIND, N.D.; SHOKOTOVA, B.G.

Properties of the dust of rotary kilns and ways of using it.
Trudy IUzhgiprotsementa no.4:40-54 '63.

(MIRA 17:11)

KRIUSHIN, V.N.; LEVIT, M.Ye.; LIVCHAK, G.F., red.; USTIYANTS,
V.A., red.

[T-5M tabulator with diode-switching attachment] Tabu-
liator T-5M s diodno-releinym prispособлением. Moskva,
Statistika, 1965. 69 p. (MIRA 18:7)

1. Glavnnyy inzhener TSentral'noy stantsii mekhanizirovan-
nogo scheta TSentral'nogo statisticheskogo upravleniya
SSSR (for Livchak).

KOROLEVA, Yelena Petrovna; KRIUSHIN, V.N., red.; CHIZHEVSKAYA,
K.M., red.

[Punched card computers] Schetno-perforatsionnye mashiny.
Moskva, Statistika, 1965. 189 p. (MIRA 18:8)

L 17954-66 EWP(c)/EWP(v)/EWP(k)/EWP(h)/EWP(l)/ETC(m)-6
ACC NR. AP6009996

SOURCE CODE: CZ/0031/65/013/007/0464/0469

AUTHOR: Krivacek, Miloslav

28
B

ORG: ZPA, n. p., Nova Paka

TITLE: Universal press tools

SOURCE: Strojirenska výroba, v. 13, no. 7, 1965, 464-469

TOPIC TAGS: machine tool, metal press

ABSTRACT: Universal tools which provide a large saving in the production of single parts and small series are described and illustrated, as are typical shapes which the equipment is especially suitable to produce. Orig. art. has: 13 figures and 3 tables. [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 006

Card 1/1

***b

UDC: 621.979.02,621.961.02

KRIVACHEV, Ivan Tarasovich; ALEKSEYEV, M.V., red.; NIKOLAYEVA, T.A.,
red.Izd-va; PYRKINA, N.F., tekhn.red.

[Fire prevention in drying and cleaning raw cotton] Protivo-
pozharnye meropriyatiia pri sushke i ochistke khlopka-syrtsa.
Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 133 p.
(MIRA 14:3)

(Cotton manufacture) (Fire prevention)

CZECHOSLOVAKIA

E. KRIVAK, Department of Psychiatry, Okres Institute of Health
(Psychiatricke oddeleni OMNZ [Okresni ustav narodniho zdravi] Jablonec
nad Nisou.

"Oligophrenia in Laurence-Moon-Biedl-Bardele Syndrome."

Prague, Ceskoslovenska Psychiatrie, Vol 59, No 1, Jan 63; pp 24-27.

Abstract [English summary modified]: Review of the literature and
detailed case report in 9-year-old girl. Some improvement could be
achieved with complex hormonal treatment, but it was not permanent.

1/1

KRIVAK, F.

Oligophrenia in Laurence-Moon-Biedl syndrome. Cesk. Psychiat.
59 no.1:24-27 F '63.

1. Psychiatrické oddelení DÚNZ v Jablonci n. N.
(LAURENCE-MOON-BIEDL SYNDROME) (MENTAL DEFICIENCY)

KRIVAK, Jozef (Borettyou[part])

Building television and radio sets from used parts. Radiotechnika
14 no.9:347 S '64.

KRTVAN

"Jumps in which the Parcord is Forcibly Pulled Out", P. 422, (SPILLA
VLASTI, Vol. 4, No. 18, Aug. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEAL), IC, Vol. 1,
No. 1, Jan. 1955, Uncl.

KRIVAN, J. - Kridla Vlasti No. 5, Mar. 1955

Women in high places also in aviation! p. 97
Parachute jumps with the free fall directed by the position of the body.
(To be contd.) p.114

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

KRIVAN, J.

Krivan, J. Parachute jumps with the free fall directed by the position
of the body. (To be contd.) p. 133. KRIDLÁ VLASTI. Praha. No. 6, Mar. 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4,
no. 10, Oct. 1955. Uncl.

KRIVAN, J.

Krivan, J. Parachute jumps with the free fall directed by the position of the body. (To be contd.) p. 160. KRIDL VLASTI. Praha. No. 7, Apr. 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4, no. 10, Oct. 1955. Uncl.

KRIVAN, J.

Krivan, J. Parachute jumps with the free fall directed by the position of the body. (Conclusion) p. 186. KRIDLÁ VLASTI. Praha. No. 8, Apr. 1955.

SO: Monthly List of the East European Accession, (EEAL), LC. Vol. 4, no. 10, Oct. 1955. Uncl.

KATIVAN, J.

Preparation for defense is the best school. p. 420.
Svet Votomu, Praha, Vol. 9, no. 14, July 1955.

SD: Monthly List of East European Accessions, (EEL), 1C, Vol. 4, no. 10, Oct. 1955,
Incl.

KATIAN, J.

After the great days. p. 422.
SIST MOTORN, Praha, Vol. 9, no. 14, July 1955.

SO: Monthly List of East European Activations, (ESAL), L, Vol. 4, no. 10, Oct. 1955,
Uncl.

KRIVAN, P.

"Geological rhythms of the earth during the Pleistocene period." (p. 79). ACTA
GEOLOGICA (Magyar Tudományos Akadémia). Vol 2, no 1/2, 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954

KPIVAN, P.

"Formation of carbonate sediments in the area between the Danube and Tisza Rivers."
(n. 91). ACTA GEOLOGICA (Magyar Tudományos Akadémia). Vol 2, no 1/2, 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

KREMER, P.

Climatic zoning of the Central European Pleistocene, In German, p. 357,
ACTA GEOLOGICA, (Magyar Tudomanyos Akademia) Budapest, Vol. 3, No. 4,
1955

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 4, No. 12, December 1956

KUVAN, P.

Poland's Atlas. Pt. 3. Climate; a review. p. 340.
(GEODEZIA ES KARTOGRAFIA, Vol. 8, no. 4, 1950. Budapest, Hungary)

SO: Monthly List of East European Accessions (EAL) LC, Vol. 6, no. 9, September 1957. Uncl.

KRIVAN, P.

Relationships between the Central and Eastern European Pleistocene.

P.265, (ACTA GEOLOGICA) Vol 4, no. 3/4, 1957, in French
Budapest, Hungary

So: Monthly Index of East European Acquisitions (EEAI) LC. Vol 7, No. 3,
March 1958

KRIVAN, P.

Pleistocene correlations in Central and Eastern Europe.

P. 73, (Foldtani Kozlony) Vol. 87, no. 1, Jan./Mar. 1957, Budapest, Hungary

SO: Monthly Index of East European Acessions (EEAI) Vol. 6, No. 11 November 1957

KRIVAN, P.

Traces of the volcanism of the Upper Pleistocene andesite in the Paks sector.

P. 205, (Foldtani Kozlony) Vol. 87, no. 2, Apr./June 1957, Budapest, Hungary

SO: Monthly Index of East European Acquisitions (EEAI) Vol. 6, No. 11 November 1957

KRIVAN, I.

Sediment 1- σ logic evaluation of Rapierman's grain-size morphologic method.

I. 295 (FOLDTANI KÖZLEMÉNY, BULLETIN OF THE HUNGARIAN GEOD. & GLAC. SURVEY)
Vol. 17, no. 3, Ju./Sept. 1957
Budapest, Hungary

SC: Monthly Index of East European Acquisitions (EMIA) Vol. 1, n. 3
March 1958

KRIVAN, P.

Traces of andesitic volcanism in the Upper Pleistocene (Rissian) of the Carpathian zone
in the basic loess profile of Pakes. In French. p. 99

ANNALES. SECTIO GEOLOGICA. Budapest, Hungary, Vol. 2, 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 9, No 2, Feb. 1960
Uncl

KRIVAN, P.

"Tundra phenomena with ice lenses and ice foliation in Hungary." In German,
p. 323

ACTA GEOLOGICA. (Magyar Tudomanyos Akademia) Budapest, Hungary, Vol. 5
No. 3/4, 1958.

Monthly List of East European Accessions (EPAI) LC, Vol. 8, No. 6, June 1959.

Uncl.

KRIVAN, Pal, dr

Chronology of the flood plain terraces of the Danube. Foldt kozl 90
no.1:56-72 Ja/Mr '60. (EKAI 9:8)
(Danube River) (Hungary--Floods)

KRIVAN, Pal, dr.

Paralleling the Lower Pliocene developments of Paks and Villany.
Foldt kozl 90 no.3:303-321 Jl-S '60. (ERAI 10:2)
(Hungary--Geology)

KRIVAN, Pal, dr.; ROZSAVOLGYI, Janos

Traces of andesite volcanism in the Upper Pleistocene (Riss) period in
the vicinity of Aszod. Foldt kozl 92 no.3:330-333 Jl-0 '62.

J. "Foldtan Kozlony" szerkeszto bizottsagi tagja(for Krivan).

KRIVAN, Pal, dr.; NAGY, Laszalone, dr.

Separation of spectra containing Tertiary and Quaternary spore-pollen sediments with the view of recognizing the area of denudation and stratigraphic utilization. Foldt kozl 93 no.1:82-96 Ja-Mr '63.

1. "Foldtani Kozlony" szerkeszto bizottsagi tagja (for Krivan).

KRIVAN, Pal

"Almanac of the Hungarian Academy of Sciences." Reviewed by
Krivan. Foldt kozl 93 no.1:125-128 Ja-Mr '63.

1. "Foldtani Kozlony" szerkeszto bizottsagi tagja.

KRIVAN, Pal

"Hydrogeology and water supply of Szolnok County" by Janos Urbancsek. Reviewed by Pal Krivan. Foldt kozl 93 no.2:265-266 Ap-Je '63.

1. "Foldtani Kozlony" szerkeszto bizottsagi tagja.

KRIVAN, Pal, dr.; ROZSAVOLGYI, Janos

Andesite tuffite index plane from the Upper Pleistocene (RissWurm)
loess profiles in Hungary. Foldt kozl 94 no.2:257-265 Ap-Je '64

KRIVAN, Pal

"A history of soil research in Hungary up to 1944" by Robert Balleneger, Istvan Finaly. Reviewed by Pal Krivan. Foldt kozl 94 no.3:402 J1-S '64.

1. Editorial Board Member, "Foldtani Kozlony."

L 1602-66 EWT(m) DIAAP

ACCESSION NR: AP5024494

CZ/0043/64/000/011/0872/0874

AUTHOR: Krivan, V. (Krivan', V.) (Engineer) (Bratislava)

TITLE: Simple submersible apparatus for measurements using the method of reflected dispersed beta radiation

SOURCE: Chemicke zvesti, no. 11, 1964, 872-874

TOPIC TAGS: beta detector, beta radiation, radiation chemistry, physical chemistry, instrument, analytic chemistry

ABSTRACT: The apparatus is suitable for analyzing suspensions and solutions. It consists of a circular radiation source, a detector, and a seal which allows the submergence of the apparatus. The materials of construction and the thickness of the seal film are determined by the intensity of beta radiation that is required for the given duty. The apparatus may be used both in a laboratory and in continuous production. Orig. art. has: 1 figure, 1 formula, 1 graph.

Card 1/2

L 1602-66

ACCESSION NR: AP5024494

ASSOCIATION: Katedra radiochemie a radiacnej chemie Slovenskej vysokej skoly
technickej, Bratislava (Department of Radiochemistry and Radiation Chemistry,
Slovak Technical University)

SUBMITTED: 25 May 64

ENCL: 00

SUB CODE: GC, NP

NR REF Sov: 000

OTHER: 008

JPRS

Card 2/2 DP

L 33233-66

ACC NG AP6023641

SOURCE CODE: CZ/0043/65/000/009/0699/0702

AUTHOR: Kriven, Viliam - Kriven', V. (Engineer; Candidate of sciences; Bratislava) ^{SD} ³⁰

ORG: Department of Radiochemistry and Radiation Chemistry, Slovak Technical University, Bratislava (Katedra radiochemie a radiochemie Slovenskej vysokej technickej)

TITLE: Influence of pressure in the preparation of samples by pressing powders upon the coefficient of reflected dispersion of the beta- radiation ¹⁹

SOURCE: Chemické svesti, no. 9, 1965, 699-702

TOPIC TAGS: beta radiation, radiation chemistry

ABSTRACT: The experiments were conducted at 610 - 12,230 kg/cm² on powdered samples of definite geometrical shapes. The intensity of the reflected radiation is practically independent of the compressing pressure for order numbers at 13 - 82 MeV and radiation intensities of 0.223 - 2.27 MeV. There were no differences when the samples were prepared by casting molten metal into the required shapes. Orig. art. has: 4 figures. [JHS]

SUB CODE: 07.20 / SUBM DATE: 01Feb65 / SOV REF: 004

Card 1/1 (b)

0945

1580

L 31397-66 EWT(m)

ACC NR: AP6021106

SOURCE CODE: CZ/0043/65/000/010/0737/0754

AUTHOR: Krivan, Viliam--Krivan' V. (Engineer; Candidate of sciences; Bratislava) 19 B

ORG: Department of Radiochemistry and Radiation Chemistry, Slovak Technical University, Bratislava (Katedra radiochemie a radiacnej chemie Slovenskej vysokej skoly technickej)

TITLE: Investigation of the influence of the atomic number of the dispersing substance upon the coefficient of the reflected dispersion of beta radiation 19

SOURCE: Chemicke zvesti, no. 10, 1965, 737-754

TOPIC TAGS: radiation chemistry, chemical dispersion, beta radiation, scintillation spectrometer

ABSTRACT: The study was made by spectroscopic scintillation method in isotropic radiation geometry. The decrease in the energy of the original radiation and of the atomic number causes a steep increase in the amount of absorbed radiation. P32, W185, and U35 were investigated. The observed values of the coefficient were substantially higher than reported in the past; this was probably due to the fact that the correction for the absorption in the layer of air and on the window of the counter were neglected. The author thanks Doctor H. W. Thummel, Institute for Applied Radioactivity, Lipska, for advice on the experimental work and for working out the research. The author further thanks Engineer I. Bucin UVVVR, Prague, for comments on the work. Orig. art. has: 11 figures and 2 tables. [JPRS]

SUB CODE: 07, 20, 18 / SUBM DATE: 01Feb65 / ORIG REF: 002 / OTH REF: 026

SOV REF: 003

Card 1/1 F C